

**NOT APPLICABLE TO INTERPLANT SHIPMENTS (A)**

SPECIAL PACKAGING INSTRUCTION(SPI) (A)						NATIONAL STOCK NUMBER 5965-01-443-5490	
NOMENCLATURE <b>MICROPHONE CABLE</b>				UI EA	QUP 1	SPI NUMBER (PN) PM22442-36-5	
Cleaning & Drying shall be in accordance with MIL-STD-2073-1							
MILITARY PRESERVATION REQUIREMENT (MIL-STD-2073-1, Method 30)	STEPS	DRAWING OR SPECIFICATION	STYLE	TYPE	GRADE	CLASS	SIZE AND REMARKS (INCHES)
Container (bag)	(B)(C)1	MIL-DTL-117	2	I11		B	4 x 6 x 0.004 THK
Closure	(D)(E)(F)2						Tape or Heat Seal
INTERMEDIATE PACKAGING AND PACKING				MARKING			
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1				<input checked="" type="checkbox"/> In accordance with MIL-STD-129			
<input type="checkbox"/> As specified hereon.				<input type="checkbox"/> As specified hereon.			
QUALITY PERFORMANCE and TESTING REQUIREMENTS							
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1							
<input checked="" type="checkbox"/> As specified hereon. SEE NOTE (G) PAGE 2							
Specifications, standard and drawings listed hereon in effect on date of invitation for bid form a part of this Packaging Instruction. Requirements of MIL-STD-2073-1 and MIL-STD-1916 are part of this packaging instruction. Unless otherwise specified, material will be minimum size IAW MIL-STD-2073-1. Tolerances shall be in accordance with material specifications, unless otherwise specified hereon.							
UNIT PACK LOGISTICS DATA (Approximate unit pack weight and size)							
WEIGHT (POUNDS)		CUBE (CUBIC FEET)		SIZE (EXTERIOR FEET)			
.04 lbs		.003 cu. ft.		.25 x .21 x .06			
REMARKS/ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.							
<p>(A) - This SPI is <u>not applicable for Interplant or commercial shipments</u>. Packaging and marking for interplant shipment is for supplies and materials that do not directly enter the military supply system. Typical interplant shipments are shipments from a vendor to a subcontractor or a prime contractor, or between contractors and subcontractors, or from a vendor or contractor to a military arsenal, plant, or other activity for evaluation, immediate use, or further processing as specified in the applicable contract.</p> <p>(B) - Coil cable to fit specified bag (step 1 ) and while holding coil, insert into specified bag and close (step 2 ).</p>							
Original Preparer: J. D. Stallings / Dec 95				Revised by: R Poole		Date: 17 MAR 2003	
ITEM DATA (APPROX)		SBCCOM 81361					
ITEM CODE - 123		AMSSB-REN-SE-PK					
ITEM SIZE - 1 1/4 x 1 1/4 x 5/8 inches		PAGE NUMBER	NUMBER OF PAGES	RP	123-0092-001	A	16 APRIL 2003
ITEM WEIGHT - .03 lbs.		1	3	RP	123-0034-020	123-029	8 JAN 2002
				APPROVAL		REVISION	DATE

## SPECIAL PACKAGING INSTRUCTION

NATIONAL STOCK NUMBER  
5965-01-443-5490

NOMENCLATURE  
MICROPHONE CABLE

PAGE NUMBER  
2 of 3

SPI NUMBER (PN)  
PM22442-36-5

- (C) – Bag to be constructed of A-A-3174 material, as specified in MIL-DTL-117. Closure shall be accomplished by tape or heat seal. When using tape, tape shall not come into contact with the microphone cable. When using a heat seal, heat seal in accordance with the bag or material supplier's recommendations for dwell, pressure and temperature requirements. Heat seal test is not required.
- (D) – Trapped air shall be kept to a minimum by compressing the bag or by a mechanical evacuation process to the extent practicable, prior to accomplishing the final heat seal. Do not evacuate to the point of damaging or deforming the item
- (E) – **Packaging Quality Assurance Provisions (PQAP).**

### Part I – Applicable Documents

#### Military standards

MIL-STD-1916 – Department Of Defense Test Method Standard

MIL-STD-2073-1 – Standard Practice For Military Packaging

### Part II – Packaging Quality Provisions.

**1. First Article Inspection.** The first article packaging sample shall consist of 5 microphone cables (MIL-DTL-22442/36); however, the sample shall be packaged as specified herein.

**Note: when the packaging sample is produced at the same time as the cable assemblies, the packaging sample shall be pulled from that sample of cable assemblies.**

If required, special sampling, inspection and acceptance criteria are contained in Part III of this PQAP and inspected for compliance with any or all of the requirements of this SPI.

**a. Acceptance Criteria.** If any first article sample fails to comply with any of the requirements, the first article packaging sample shall be rejected. The Government reserves the right to terminate inspection upon any failure to comply with any of the requirements. The contractor shall obtain written approval from the contracting activity prior to proceeding with regular production.

#### **2. Conformance Inspection.**

**a. Lotting.** A lot shall consist of the items produced by one manufacturer, at one plant, from the same materials, under the same manufacturing conditions, and at essentially the same time.

**However; when the packaging sample is produced at the same time as the cable assemblies, lotting shall be in accordance with lotting for the Conformance Inspection of the cable assemblies.**

**b. Sampling.** Sampling shall be conducted in accordance with the attributes sampling plan of MIL-STD-1916 using the verification levels (VLs) specified herein.

**c. Inspection.** Inspection shall consist of examination and test of all the characteristics contained in Part III and Part IV of this PQAP.

<b>SPECIAL PACKAGING INSTRUCTION</b>		NATIONAL STOCK NUMBER 5965-01-443-5490							
NOMENCLATURE <b>MICROPHONE CABLE</b>		PAGE NUMBER 3 of 3	SPI NUMBER (PN) PM22442-36-5						
<p><b>3. Inspection Equipment Coding.</b>  VI = Visual inspection  CE = Commercial inspection equipment</p> <p style="text-align: center;"><b>PART III – INSPECTION REQUIREMENTS</b></p>									
<b>PACKAGING CHARACTERISTICS</b>									
<b>CATEGORY</b>	<b>CHARACTERISTICS</b>	<b>SAMPLING and ACCEPTANCE CRITERIA</b>	<b>INSPECTION METHOD</b>						
Critical	None Defined.								
Major	None Defined.								
Minor									
101	Item completely clean and dry prior to unit packing.	VL-III	VI						
102	Container (bag) evident and correct.	VL-III	VI and CE						
103	Unit pack container (bag) and closure evident and correct.	VL-III	VI and CE						
104	Unit pack container (bag) marking evident, correct and legible.	VL-III	VI and CE						
NOTES: VI = Visual inspection CE = Commercial inspection equipment									
<p style="text-align: center;"><b>PART IV – CERTIFICATION REQUIREMENTS</b></p> <p>Certification shall be required for each characteristic specified below and shall include actual examination and test results when required herein. Results of examinations and tests shall be on file at the contractor's facility and shall be available to the Government for review.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;"><u>NUMBER</u></td> <td style="width: 45%;"><u>CHARACTERISTIC</u></td> <td style="width: 30%;"><u>TO COMPLY WITH</u></td> </tr> <tr> <td style="padding-top: 10px;"><b>401</b></td> <td style="padding-top: 10px;">Packaging material</td> <td style="padding-top: 10px;">Applicable specification or standard specified in this SPI.</td> </tr> </table>				<u>NUMBER</u>	<u>CHARACTERISTIC</u>	<u>TO COMPLY WITH</u>	<b>401</b>	Packaging material	Applicable specification or standard specified in this SPI.
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